



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: OFSTEAD ET AL. Examiner: UNKNOWN
Serial No.: 10/677,022 Group Art Unit: UNKNOWN
Filed: OCTOBER 1, 2003 Docket: 13288.30US01
Confirmation No.: UNKNOWN Customer No.: 23552
Due Date: JANUARY 1, 2004
Title: ATTACHMENT OF MOLECULES TO SURFACES

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 19, 2003.

By:

Name: Sheryl A. Boerboom

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

23552

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 12 References
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
612.332.5300

By:

Name: Mark T. Skoog

Reg. No.: 40,178

MSkoog:sab



S/N 10/677,022

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	OFSTEAD ET AL.	Examiner:	UNKNOWN
Serial No.:	10/677,022	Group Art Unit:	UNKNOWN
Filed:	OCTOBER 1, 2003	Docket No.:	13288.30US01
Title:	ATTACHMENT OF MOLECULES TO SURFACES		

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By: 

Name: Cheryl A. Boerboom

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of the foreign patent documents and non-patent literature listed on the enclosed Form 1449 is provided. In accordance with 37 C.F.R. § 1.98(a)(2)(i), no copies of the U.S. patents cited are enclosed.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
612/332-5300

Dated: Dec 19, 2003

By: Mark T. Skoog
Mark T. Skoog
Reg. No. 40,178
MTS:sab



FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

13288.30US01

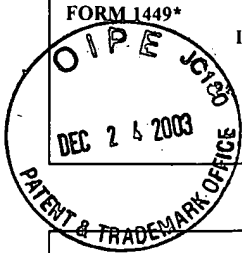
Application Number:

10/677,022

Applicant: OFSTEAD ET AL.

Filing Date: 10/01/2003

Group Art Unit: UNKNOWN



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,542,102	09/17/1985	Dattagupta et al.			
	4,582,860	04/15/1986	Bigwood et al.			
	4,722,906	02/02/1988	Guire			
	4,973,493	11/27/1990	Guire			
	4,979,959	12/25/1990	Guire			
	5,002,582	03/26/1991	Guire et al.			
	5,217,492	06/08/1993	Guire et al.			
	5,414,075	05/09/1995	Swan et al.			
	5,510,084	04/23/1996	Cros et al.			
	5,512,329	04/30/1996	Guire et al.			
	5,512,474	04/30/1996	Clapper et al.			
	5,563,056	10/08/1996	Swan et al.			
	5,580,697	12/03/1996	Keana et al.			
	5,610,287	03/11/1997	Nikiforov et al.			
	5,637,460	06/10/1997	Swan et al.			
	5,643,580	07/01/1997	Subramaniam			
	5,654,162	08/05/1997	Guire et al.			
	5,707,818	01/13/1998	Chudzik et al.			
	5,714,360	02/03/1998	Swan et al.			
	5,718,726	02/17/1998	Amon et al.			
	5,741,551	04/21/1998	Guire et al.			
	5,744,515	04/28/1998	Clapper			
	5,783,502	07/21/1998	Swanson			
	5,858,653	01/12/1999	Duran et al.			
	5,942,555	08/24/1999	Swanson et al.			
	6,057,100	05/02/2000	Heyneker			
	6,254,634	07/03/2001	Anderson et al.			
	6,465,178 B2	10/15/2002	Chappa et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

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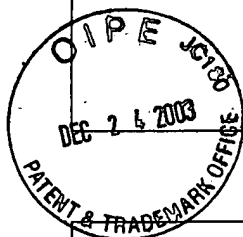
Application Number:

10/677,022

Applicant: OFSTEAD ET AL.

Filing Date: 10/01/2003

Group Art Unit: UNKNOWN



FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	198 04 518 A1	08/12/1999	DE				X
	WO 91/16425	10/31/1991	PCT				
	WO 97/16544	05/09/1997	PCT				
	WO 99/58716 A1	11/18/1999	PCT			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Chevrier, D. et al., "Rapid Detection of <i>Salmonella</i> Subspecies I by PCR Combined with Non-radioactive Hybridisation Using Covalently Immobilised Oligonucleotide on a Microplate", <i>FEMS Immunology and Medical Microbiology</i> , Vol. 10, No. 3-4, pp. 245-251 (February 1995).
		Collioud, A. et al., "Oriented and Covalent Immobilization of Target Molecules to Solid Supports: Synthesis and Application of a Light-Activatable and Thiol-Reactive Cross-Linking Reagent", <i>Bioconjugate Chem.</i> , Vol. 4, No. 6, pp. 528-536 (Nov/Dec 1993).
		Kanazawa, A. et al., "Polymeric Phosphonium Salts as a Novel Class of Cationic Biocides. VII. Synthesis and Antibacterial Activity of Polymeric Phosphonium Salts and Their Model Compounds Containing Long Alkyl Chains", <i>Jrnl. of Applied Polymer Science</i> , Vol. 53, No. 9, pp. 1237-1244 (August 29, 1994).
		Nagasawa, J. et al., "Immobilization of DNA via Covalent Linkage for Use as Immunosorbent", <i>Jrnl. of Applied Biochem.</i> , Vol. 7, pp. 296-302 (1985).
		Nagasawa, J. et al., "Immunosorbent Consisting of DNA Immobilized on Oxirane-Activated Sepharose", <i>Jrnl. of Applied Biochem.</i> , Vol. 7, pp. 430-437 (1985).
		"NucleoLink™ versus CovaLink™ Surfaces", <i>Nunc InterMed TechNote - Molecular Biology</i> , Vol. 3, No. 17, 2 pgs. (Date unknown).
		O'Donnell-Maloney, M. et al., "The Development of Microfabricated Arrays for DNA Sequencing and Analysis", <i>TIBTECH</i> , Vol. 14, pp. 401-407 (October 1996).
		"Reacti-Bind™ DNA Coating Solution", <i>PIERCE</i> , 1 pg. (© Pierce Chemical Company - January 1997).

EXAMINER

DATE CONSIDERED

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